

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
Form PTO-1449 (Modified)
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COMPLETE IF KNOWN

Application Number	10/644,583
Confirmation Number	5209
Filing Date	August 19, 2003
First Named Inventor	Nigel M. Grech
Group Art Unit	1724
Examiner Name	Not yet assigned
Attorney Docket No.	54547.8001.US01

Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
an	AA	5,124,149		Shapiro et al.	06/1992	
an	AB	5,236,589		Torrance	08/1993	
an	AC	5,486,292		Bair et al.	01/1996	
an	AD	5,580,770		DeFilippi	12/1996	
an	AE	5,658,795		Kato et al.	08/1997	
an	AF	6,025,152		Hiatt	02/2000	
an	AG	6,057,268		Mehta	05/2000	
an	AH	6,121,038		Kirschner	09/2000	
an	AI	6,322,782		Walker et al.	11/2001	
an	AJ	6,403,364		Hince	06/2002	
an	AK	6,632,363		Grech et al.	10/2003	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
an	AL	H.D. Burges, "Formulation of Microbial Biopesticides" (1998)	
an	AM	C.M. Inoffo et al., "Microencapsulation and Ultraviolet Protectants to Increase Sunlight Stability of an Insect Virus", Journal of Economic Entomology 64(4):850-853 (1971)	
an	AN	A. Krieg, "Photoprotection Against Inactivation of Bacillus thuringiensis Spores by Ultraviolet Rays", Journal of Invertebrate Pathology 25(2):267-268 (1975)	
an	AO	R.S. Bhatnagar, et al., "Survival of Rhizobium Japonicum in Charcoal Bentonite Based Carrier", Current Science 51(8):430-432(1982)	

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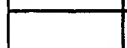
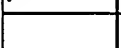
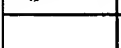

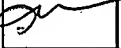

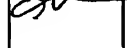

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	AP	G.F. Joye, et al., "Biological Control of Aquatic Weeds with Plant Pathogens", ACS Symposium Series 197:154-174	
	AQ	R. Autio, et al., "Factorial experiments used to analyse nutrient and grazing control of phyto- and bacterioplankton", Ergebnisse der Limnologie Advances in Limnology 31:253-263 (1988)	
	AR	Shigeo Endo, et al., "Conditions Influencing the Growth-Promoting/Sustaining Effects of Carbon Material in Agar Plates", Nippon Nogelkagaku Kaishi 73(11):1181-1186 (1999)	
	AS	Sang-Hong Yoon, et al., "Production of Biopolymer Flocculant by Bacillus subtilis TB11", Microbiology and Biotechnology 8(6): 606-612 (1998)	
	AT	R. Castro-Franco, et al., "An alternative bioinsecticide formulation to encapsulate Bacillus thuringiensis δ toxin and extracts of Agave lecheguilla Torr. for the control of Spodoptera frugiperda Smith", International Journal of Experimental Botany, 62 (1/2): 71-77 (1998)	
	AU	Michio Matsushashi, et al., "Growth-promoting effect of carbon material upon bacterial cells propagating through a distance", J. Gen. Appl. Microbiol. 43:225-230 (1997)	
	AV	Takashi Fujita, et al., "Description of Bacillus carboniphilus sp. Nov. ", International Journal of Systematic Bacteriology, 46(1):116-118 (1996)	
	AW	Michio Matsushashi, et al., "Studies on Carbon Material Requirements for Bacterial Proliferation and Spore Germination under Stress Conditions: a New Mechanism Involving Transmission of Physical Signals", Journal of Bacteriology, 177(3):688-693 (1995)	
	AX	Nicola D. Williams, et al., "Conditions suitable for the recovery of biocide-treated spores of Bacillus subtilis", Microbios 74:121-129 (1993)	
	AY	A.O. Ejiofor, et al., "Preparation of a flowable liquid bacterial insecticide based on Bacillus sphaericus". World Journal of Microbiology and Biotechnology, 7:596-599 (1991)	
	AZ	S. Gaiind, et al., "Shelf life of phosphate-solubilizing inoculants as influenced by type of carrier, high temperature, and low moisture", Canadian Journal of Microbiology, 36(12):846-849 (1990)	
	BA	Junkei Kawa, "Adriamycin absorbed to activated carbon particles: A new drug delivery system for targeting cancer chemotherapy", Journal of Kyoto Prefactual University of Medicine, 98(5):517-532 (1989)	
	BB	P.J. Van Dijck, et al., "Activated Charcoal and Microflora in water treatment", The Journal of the Internation Association on Water Pollution Research & Control, Water Research 18(11):1361-1364 (1984)	

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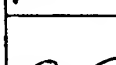
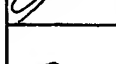
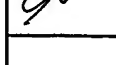



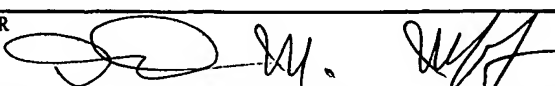
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	BC	Shin-Ichi Okuda, "Treatment of Lipid-Containing Wastewater Using Bacteria Which Assimilate Lipids", Journal of Fermentation and Bioengineering, 71(6):424-429 (1991)	
	BD	R.G. Knepper, et al., "Aerially Applied, Liquid Bacillus Thuringiensis Var. Israelensis (H-14) for Control of Spring Aedes Mosquitoes in Michigan", Journal of the American Mosquito Control Association, 7(2):307-309 (1991)	
	BE	Babjide A. Matanmi, et al., "Fate and Persistence of Bacillus Sphaericus Used as a Mosquito Larvicide in Dairy Wastewater Lagoons", Journal of the American Mosquito Control Association, 6(3):384-389 (1990)	
	BF	H. Danana Goud, et al., "Treatment of DMT (Kimethyl Terephthalate) Industry Waste Water Using Mixed Culture of Bacteria and Evaluation of Treatment", Journal of Environmental Biology, 11(1):15-26 (1990)	
	BG	Maria Luisa Garcia, et al., "Effect of heat and ultrasonic waves on the survival of two strains of Bacillus subtilis", Journal of Applied Bacteriology, 67:619-628 (1989)	
	BH	Greg Blank et al., "Heat Sensitization of Bacillus Substilis Spores by Selected Spices", Journal of Food Safety, 9:83-96 (1988)	
	BI	Toshihko Ogawa, et al., "Growth Inhibition of Bacillus subtilis by Basic Dyes", Environmental Contamination and Toxicology, 40(4):545-552 (1988)	
	BJ	James C. MacDonald, et al., "Evaluation of Bacillus as a practical means for degradation of geosmin", Applied Microbiology and Biotechnology 25(4):392-395 (1987)	
	BK	Catherine N. Mulligan, et al., "Pressate from Peat Dewatering as a Substrate for Bacterial Growth", Applied and Environmental Microbiology, 50(1):160-162 (1985)	
	BL	McLaughlin, et al., "Distribution of a Flowable Concentrate Formulation of Bacillus Thuringiensis Serotype H-14 During Irrigation of Rice Fields as a Function of the Quantity of Formulation", Mosquito News, Journal of the American Mosquito Control Association, 44(3):330-335 (1984)	
	BM	P.J. Van Dijck, et al., "Activated Charcoal and Microflora in Water Treatment", Water Research, The Journal of the International Association on Water Pollution Research & Control, 18(11):1361-1364	

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